



## UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE  
 United States Patent and Trademark Office  
 Address: COMMISSIONER FOR PATENTS  
 P.O. Box 1450  
 Alexandria, Virginia 22313-1450  
 www.uspto.gov



Bib Data Sheet

CONFIRMATION NO. 8754

<b>SERIAL NUMBER</b> 10/713,784	<b>FILING OR 371(c) DATE</b> 11/13/2003 <b>RULE</b>	<b>CLASS</b> 711	<b>GROUP ART UNIT</b> 2189	<b>ATTORNEY DOCKET NO.</b> 5038-327	
<b>APPLICANTS</b> Chris B. Freeman, Portland, OR; Pete D. Vogt, Boulder, CO; Kuljit S. Bains, Olympia, WA; Robert M. Ellis, Hillsboro, OR; John B. Halbert, Beaverton, OR; Michael W. Williams, Citrus Heights, CA;					
<b>** CONTINUING DATA *****</b> <i>None MD</i>					
<b>** FOREIGN APPLICATIONS *****</b> <i>None MD</i>					
<b>IF REQUIRED, FOREIGN FILING LICENSE GRANTED</b> <b>** 02/10/2004</b>					
Foreign Priority claimed <input type="checkbox"/> yes <input checked="" type="checkbox"/> no 35 USC 119 (a-d) conditions <input type="checkbox"/> yes <input checked="" type="checkbox"/> no <input type="checkbox"/> Met after Allowance <i>MD</i> Verified and Acknowledged <i>MD</i>		<b>STATE OR COUNTRY OR</b>	<b>SHEETS DRAWING</b> 4	<b>TOTAL CLAIMS</b> 31	<b>INDEPENDENT CLAIMS</b> 5
<b>ADDRESS</b> 32231					
<b>TITLE</b> Buffered memory module with implicit to explicit memory command expansion					
<b>FILING FEE RECEIVED</b> 1270	FEES: Authority has been given in Paper No. _____ to charge/credit DEPOSIT ACCOUNT No. _____ for following:		<input type="checkbox"/> All Fees <input type="checkbox"/> 1.16 Fees ( Filing ) <input type="checkbox"/> 1.17 Fees ( Processing Ext. of time ) <input type="checkbox"/> 1.18 Fees ( Issue ) <input type="checkbox"/> Other _____ <input type="checkbox"/> Credit		